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#### [PDF] EMERALD: Event monitoring enabling responses to anomalous live disturbances

PA Porras, PG Neumann - Proceedings of the 20th National Information ..., 1997 - Citeseer ... the noise ratio from event records that the signature engine must filter out is ... and signature engines, and based on these reports invokes the various response handlers defined within ... the volume of intrusion and suspicion reports is lower than the individual event reports received ...

Cited by 769 - Related articles - View as HTML - All 12 versions

#### [PDF] \*Kqueue: A generic and scalable event notification facility

J Lemon - Proceedings of the USENIX Annual Technical ..., 2001 - Citeseer ... Ignoring the signal simply means that no signal handler will be called after the signal is delivered to the ... the use of EV CLEAR, which resets the event after it is returned; without this flag, the event would be ... The behavior of the PROC filter is best illustrated with the example below ...

Cited by 85 - Related articles - View as HTML - All 24 versions

#### Shield: Vulnerability-driven network filters for preventing known vulnerability ...- \*psa.@da [PD#]

HJ Wang, C Guo, DR Simon, A Zugenmaier - Proceedings of the 2004 .... 2004 - portal acm.org ... In addition, shields can filter out outgoing traffic that triggers malicious responses back to the host itself ... parsing in the event handlers when not enough data has arrived for an event-handler to finish ... able to interpret the parts of the message due to the lack of information such as ... Cited by 214 - Related articles - BL Direct - All 33 versions

#### Simphony: an environment for building special purpose construction simulation ...

D Haijar, S AbouRizk - Proceedings of the 31st conference on Winter ..., 1999 - portal.acm.org ... Simphony generates these events in **response** to user or system actions. ... The trace window is used to display and filter generated messages. ... Modeling Element Tree Modeling Element Event Handler Coding Area Event Combo Box Object Combo Box ...

Cited by 66 - Related articles - 8t. Direct - Alt 3 versions

#### [PDF] Architectures for an event notification service scalable to wide-area networks

A Carzaniga - ... doctoral dissertation. Milano, Italy: Politecnico di ..., 1998 - Citeseer ... 23 3.1.5 Identifiers and handlers . . . . . ... Expressiveness has to do with the type of information that can be attached and propagated with notifications as well as the ability of the event service to aggregate and filter events as precisely as possible on behalf of applications. ...

Cited by 207 - Related articles - View as HTML - All 22 versions

#### Kecho-event communication for distributed kernel services- spatech.edu (PDF)

C Poellabauer, K Schwan, G Eisenhauer, J Kong - Lecture notes in computer ..., 2002 - Springer ... 95 the number of requests, where the task of event handling is the most expensive (approximately 70% of the ... The final experiment investigates the advantage of **event** filtering in more detail ... The OUT-filter introduced above forwards requests to the servers with low load to ensure ...

Cited by 12 - Related articles - Bt. Direct - All 10 versions

#### Event architecture for system management in an operating system

MRC Seaman, KW Ross, MS Blanford, IJ Heizer, ... - US Patent ..., 1999 - Google Patents

... Event Sinks Event Sink Calls Event Handler to Respond to Event Report Event Handler Executes 70 72 ... to inform the BRIEF DESCRIPTION OF THE DRAWINGS event sink object of the triggered event. ... of a data processing system that object may be provided with a filter that is ...

Cited by 14 - Related articles - All 6 versions

#### Location information managment- psu.edu por

H Naguib, G Coulouris - Proc. of UBICOMP, 2001 - Springer

... All location technologies generate sensor events in **response** to changes in the locations of ... Further selection is performed by **event filters** which the application can instantiate. ... The **event handling** abstraction outlined here is compatible with most general-purpose **event handling** ...

Cited by 29 - Related articles - BL Direct - Ali 13 versions

#### The design of a dynamic emergency response management information system ( ... - aisnesorg (FOF)

M Turoff, M Chumer, X YAO - Annual Review of Network Management ..., 2006 - books.google.com ... impact on the design of support sys- tems and rethinking the nature of **filters**, which attempt to ... High levels of uncertainty and **information** overload are very harmful to reliable disaster **response**. ... about ambiguity as a data corruption problem at the local and specific **event** level of ...

Cited by 131 - Related articles - Bt. Direct - All 6 versions

#### Evaluating architectures for multithreaded object request brokers-

DC Schmidt - 1998 - portal.acm.org

... In contrast, SII stubs support only twoway, that is, request/**response**, and oneway, that ... For instance, to implement a thread-per- request strategy, the **filter** can spawn a ... which inte- grates transport endpoint demul- tiplexing and the dispatching of the corresponding **event handlers**. ...

Cited by 110 - Related articles - All 22 versions

#### Thread transparency in **information** flow middleware-

R Koster, AP Black, J Huang, J Walpole, C Pu - Software-Practice and ..., 2003 - Springer ... provided by current middleware is the client-server architecture and request-**response** interaction, where ... Marshalling **filters** on either side translate the raw data flow to a higher-level ... called before the previous invocation completes or while a control **event handler** of the same ...

Cited by 31 - Related articles - BL Direct - All 32 versions

# An object-oriented framework for dynamically configuring extensible distributed ...-

DC Schmidt, T Suda - Distributed Systems Engineering, 1994 - iop.org

... external events (such as connection requests and application data) onto pre-registered application-specified **event handlers**. ... An **event** server runs on a separate network that is connected via LANs or ... These servers act as mediators that analyse, **filter**, and forward a subset of the ...

Cited by 100 - Related articles - All 16 versions

#### [PDF] A personal email assistant

R Bergman, M Griss, C Staelin - HP Laboratories, Palo Alto, CA, USA HPL- ..., 2002 - Citeseer

... If we treat email as an **Event**, we can use a Dispatcher-like object as an **event filter**, which selects an appropriate Activity to handle the mail **event**. The property-file can then be used to configure a mail **handling** dispatch tree. 4.2 The basic classes ...

Cited by 20 - Related articles - View as HTML - All 12 versions

#### Method for automatically collecting and delivering application event data in an ...

JE Faust, JR Meier - US Patent 5,752,159, 1998 - Google Patents

... List **filters** list **event** types and **filter** values. ... ECAAwaitEventsExit() from within the idle-time callback routine or from within one of the **event handling** callback routines ... any specified idleTimeCallbacfc routine to be invoked more often, but may result in slower **response** to incoming ...

Cited by 14 - Related articles - All 2 versions

#### Some initial performance characteristics of three architectural styles-

H Grahn, J Bosch - Proceedings of the 1st international workshop on ..., 1998 - portal.acm.org ... Several sub-styles to the pipes 8c filters style exists [I, 41, which differ in the way filters are connected, eg, one ... The interface consists of a set of interface elements, called event handlers. Each handler defines the behaviour of the component in response to the receipt of an event ...

Cited by 10 - Related articles - Ali 9 versions

#### [PDF] A scaleable, platform-based architecture for multiple domain network management

F Stamatelopoulos, T Chiotis, B Maglaris - IEEE International Conference on ..., 1995 - Citeseer ... MIB Monitoring Services **Event/**Trap **Handler** Security & Accounting Services Network Object Management Services Manager-to- Manager Services ... min-max entity mean entity variance entity **event/** trap **filter** stat report entity Figure 9: Manager MIB structure outline Page 6. ...

Cited by 19 - Related articles - View as HTML - BL Direct - All 8 versions

#### [PDF] A XML based policy-driven information service

R Natarajan... - Technology, 1999 - Citeseer

... Page 7. policydata field structure for one of the sub-systems of the **information** server is shown in Figure 4. Figure 4. Policy data for the **EventHandler** sub-system ... Policy Registrars **Event Handler** Policies ... **Event** Log **Event Filter** Registry Registry Requests Forwarder ...

Cited by 7 - Related articles - View as HTML - All 2 versions

#### Sumatra: A language for resource-aware mobile programs-

A Acharya, M Ranganathan, J Saltz - Lecture Notes in Computer Science, 1997 - Springer ... monitoring interface should al- low programs to register a application-specific **filter** which determines ... To ensure a prompt **response** to asynchronous events, a function-call-based interface would ... occurs and makes it available for use within the corresponding **event handler**; or (2 ... Cited by 221 - Related articles - Bi. Direct - All 22 versions

# Oceanstore: An architecture for global-scale persistent storage-

J Kubiatowicz, D Bindel, Y Chen, S Czerwinski, ... - ACM SIGARCH ..., 2000 - portal.acm.org ... Finally, the underlying infrastructure has more up-to-date **information** about the current location of en- ... Ò ½ is looking for object, whose GUID hashes to bits 0, 1, and 3. (1) The local Bloom **filter** for Ò ½ (rounded box) shows that it does not have the object, but (2) its neighbor **filter ...** Cited by 1835 - Related articles - BL Direct - All 149 versions

#### [PDF] Design of a scalable event notification service: Interface and architecture

A Carzaniga, DS Rosenblum, AL Wolf - unpublished. Available from http://www.cs. ... - Citeseer ... In this style, components are programmed as reactive ob- jects that perform actions in **response** to certain ... sociated with it that defines both the identity of that object and the **handler** used by ... An **event filter**, or simply a **filter**, defines a class of **event** notifications by specifying a set ...

Cited by 82 - Related articles - View as HTML - All 29 versions

#### Control of event handling timeliness in RTEMS-

M Coutinho, J Rufino, C Almeida - Proceedings of the 17th IASTED ..., 2005 - actapress.com ... Event Characterization (eg Digital Filter) events x[n] y[n] (interrupts) event info (eg rate) Figure ... new event occurs we know the elapsed time since the last registered event and thus ... 4.3 Overload Handling When an overload is detected and the corresponding in-terrupt is disabled ...

Cited by 8 - Related articles - All 4 versions

#### Intrusion detection using autonomous agents- carteton carport

EH Spafford, D Zamboni - Computer Networks, 2000 - Elsevier

... If an agent collects network **information** related to the host where it is running, we reduce the possibility of insertion and evasion attacks [27 ... From 1997 to date the AAFID architecture evolved with the addition of filters and the separation of the user interface from the monitor. ...

Cited by 283 - Related articles - All 5 versions

#### Visual specification of multi-view visual environments-

JC Grundy, WB Mugridge, JG ... - IEEE Symposium on ..., 1998 - doi.ieeecomputersociety.org ... Our approach uses change propagation and response graphs (CPRGs) as the underlying implementation ... For example, a filter and action specification can ensure that whenever a new actor is ... For example, an additional event handler is shown attached to the Diagram (view ... Cited by 23 - Related articles - All 9 versions

#### Service-oriented device communications using the devices profile for web services-

F Jammes, A Mensch, H Smit - ... of the 3rd international workshop on ..., 2005 - portal acm.org ... contains a filter expression, the event source sends only notifications that match the requested filter. ... Event messages are transported in the same way as any other SOAP messages, as ... and sending a request message to a device and for receiving and handling its response ... Cited by 66 - Related articles - All 15 versions

#### [PDF] Applying patterns and frameworks to develop object-oriented communication ...

DC Schmidt - Handbook of Programming Languages, 1997 - Citeseer

... State Service Configurator State Strategy Active Object Pipes and Filters Adapter Service Configurator Protocol Handler Protocol Filter Acceptor Event Dispatcher Asynchronous Completion Token Figure 4: Architectural Overview of the JAWS Framework ...

Cited by 71 - Related articles - View as HTML - All 14 versions

# [PDF] ... agent fault tolerance for information retrieval applications: An exception handling ...

S Pears, J Xu. C Boldyreff - Proceedings of the The Sixth .... 2003 - hemswell.lincoln.ac.uk ... provide a solution that is agent server independent and offer continued service in the event of an agent server ... mobile agents filter information, ie no state dependencies are introduced between the mobile agent and ... degraded response is incorporated into the recovery handler. ... Cited by 26 - Related articles - View as HTML - All 14 versions

#### Using policies to drive autonomic management

RM Bahat, MA Bauer, EM Vieira, OK Baek - Proceedings of the 2006 ..., 2006 - portal.acm.org ... gener- ated from monitoring components and that the **Event** Han- dler **filters** received events for ... The Monitor forwards the **response** time measurements to the Monitor Manager which processes the information (ie, compute trend) and forwards it to the Event Handler to determine ... Cited by 15 - Related articles - All 2 versions

#### A portable platform for distributed event environments

B Bruegge - Proceedings of the 1991 ACM/ONR workshop on ..., 1991 - portal.acm.org ... example, an **event handler filter** can accumulate the events generated in a certain time, or send only ... Any communication initiated by the **event** interpreter uses a request/**response** protocol. ... This **information** is stored in the **event** table maintained by the **event handler**, because on ...

Cited by 34 - Related articles - All 2 versions

# Serendipity: integrated environment support for process modelling, enactment and ...-

JC Grundy, JG Hosking - Automated Software Engineering, 1998 - Springer

... in **response** to the **event**. These operations update **information** and/or generate new events, which may be detected and acted upon by other **filters** and actions. VEPL is fully integrated with EVPL and thus provides a graphical, high-level specification of **event handling** for EVPL ...

Cited by 60 - Related articles - BL Direct - All 8 versions

#### Filtering and scalability in the ECO distributed event model-

M Haahr, R Meier, P Nixon, V ... - Proceedings of the 5th ..., 2000 - doi.ieeecomputersociety.org ... Subscribe(eventType,eventHandler,constraint) is used by entities to register interest in events. ... is delivered to all enti- ties subscribing to events of that type, subject to filter- ing against ... Unsubscribe(event-type, event-handler) is used by an entity to cancel an existing subscription. ... Cited by 26 - Related articles - All 17 versions

#### [PDF] State-oriented programming

M Samek, P Montgomery - Embedded Systems Programming, 2000 - akaedu.org ... return to timekeeping mode the watch displays the most recent- ly selected **information**, that is ... the upper limit of the Eventtype range (see Listing 1) 6. Define **event handler** methods. Code entry/exit actions and start- up transitions as **response** to pre- defined events ENTRY\_EVT ... Cited by 23 - Related articles - View as HTML - All 8 versions

#### Kernel support for the event-based cooperation of distributed resource managers-

C Poellabauer, K Schwan - Proceedings of the 8th IEEE Real- ... - doi.ieeecomputersociety.org ... Finally, **event** channels can take ad- vantage of **filters**, which can customize the **event** ... efficiently share relevant **information**, and (3) influencing process schedul- ing in **response** to the ... It offers several methods of **event** generation and **event handling**, thereby giving **event** sources ... Cited by 11 - Related articles - All 16 versions

#### Towards a unified event-based software architecture-

JC Grundy, JG Hosking, WB Mugridge - Joint proceedings of the second ..., 1996 - portal.acm.org ... CPRG component definitions (as object-oriented classes), and must handcode the **event response** mechanisms. ... The 'ml.3:done testing' **event handler** specifies that when process stage 'ml3:check changes' is made current (ie testing begun, detected by **filter** 'Made Current ... Cited by 4 - Related articles - All 8 versions

# [PS] SPI: An instrumentation development environment for parallel/distributed systems

D Bhatt, R Jha, T Steeves, R Bhatt, D ... - Proc. of Int. Parallel ..., 1995 - htc.honeywell.com ... events+data probes Histogram Display Storage **Filter Filter ...** Efficient communication among ea-machines to meet real-time **response** requirements and minimize the overhead. • Maintaining a virtual input **event** queue for each **event handler** and procedures to manipulate it. ...

Cited by 31 - Related articles - View as HTML - All 3 versions

#### Telephone call handling system

J Shaio - US Patent 5,299,260, 1994 - Google Patents

... 45 manager module 20, agent supervisor station 22, host database 24, and voice **response** unit 25. ... 22, which tracks the system state as seen by call router 18 and **filters** incoming events ... **Event handler** 30 feeds ac- tions to state manager 32 and queries to routing inter- preter 34 ...

Cited by 60 - Related articles - Alt 7 versions

#### System and method for collecting and dispatching selected events in a computer ...

K Jacklin, D Clifford - US Patent 5,838,969, 1998 - Google Patents

... Each **handler** ^ status result in step 796, **event** manager 234 returns the FIG. ... If **event** manager 234, in step 796, determines that the Application 122 may selectively insert, alter or delete the generated status result translates as "**filter** the **event**", then registrations of ...

Cited by 6 - Related articles - All 2 versions

#### [PDF] ... client: A pattern for the client-side implementation of a pipelined request/response ...

M Heuser, EB Fernandez - Proceedings of the Pattern Languages of Programs ... - Citeseer ... Figure 7: UML class diagram for the URL **filter**. ... demultiplexor for several RpcConnection objects, but creates dependencies on Reactor and **EventHandler**. ... size\_t st\_requestld; // request ld int st\_wakeupReason; // wakeup reason ThreadAutoResetEvent st\_event; // wakeup **event** ... Cited by 7 - Related articles - View as HTML - All 6 versions

#### [PDF] MASmote-a mobility node for MAS-net (mobile actuator sensor networks)

Z Wang, Z Song, PY Chen, A Arora, D ... - ... of 2004 IEEE ..., 2004 - mechatronics.ece.usu.edu ... a hardware interrupt and may preempt the execution of a task or other hardware **event handler**." TinyOS system ... structured component-based applications and supports the concurrency model (task and **event**) of TinyOS [16 ... The differentiated data was filtered by a low-pass **filter**, ... Cited by 25 - Related articles - View as HTML - All 4 versions

#### Prioritized agent-based hierarchy structure for handling performance metrics data ...

A Newcombe, J Serai - US Patent 6,349,325, 2002 - Google Patents

... characteristic for subordinate performance agents. Preferably each agent comprises a **filter** for filtering received **event information** based on a set of rules set up by the subscription **handler**. Prefer- ably the system further ...

Cited by 5 - Related articles - All 2 versions

#### Dynamic binding for an extensible system- psu.edu (PDF)

Plaw Pardyak, BN Bershad - Proceedings of the Second Symposium on Operating ... - usenix.org

... Filters require that a handler be able to manipulate its arguments; consequently handlers explicitly installed as Iters may specify some param- eters as call-by-reference, rather than call-by-value. ... A handler that never returns can prevent the event raiser and other handlers ... Cited by 95 - Related articles - Bt. Direct - All 26 versions

Hierarchical **event** monitoring and analysis

PA Porras, A Valdes - US Patent 6,484,203, 2002 - Google Patents

... these reports to the resolver 20 for further correlation, **response**, and dissemination ... message system operates under an asynchronous communication model for **handling** results dissemination ... a communication link with an **event** collection method (or **event filter**) and prompting ...

Cited by 8 - Related articles - All 2 versions

# [PDF] \*Interaction Translation Methods for XML/SNMP Gateway Using XML Technologies YJ Oh, HT Ju, JW Hong - Proc. of the Asia-Pacific Network Operations ..., 2002 - dpe.postech.ac.kr ... One important type of XPath expression is a location path, which selects a set of nodes relative to the context node, and can recursively contain sub-expressions that are used to **filter** a set of nodes. ... XPath/XQuery **Handler** XPath/XQuery **Handler** ... DOM **Event** for Notification ... Cited by 6 - Related articles - View as HTML - All 11 versions

Method for computer internet remote management of a telecommunication network ...

WE Barker, LM Connelly, MA Eggert, MP Foley ... - US Patent App. 09/ ..., 1998 - Google Patents
... Generated Events command ^ \* •' - requests Ev.nB \j c^\ cmd Handler Evan. ... SDP Request/
Response (AP Status) Event Flow Status/Conflg Query/Response Flow ... GENERATED AT SERVER
TO CLIENTS WHICH REGISTER FILTERS SPECIFYING EVENT FILTER CRITERIA, f ...
Cited by 52 - Related articles - All 5 versions

#### [PDF] A universal information appliance

KF Eustice, TJ Lehman, A Morales, MC ... - IBM Systems ..., 1999 - researchweb.watson.ibm.com ... end-to-end data ffow between the application on the UIA and the data server, in **response** to the ... Actions are **event- handlers** that respond to events originating from the parent UI element. The **handler** in this example is- sues a SET command, setting the value of the text- field to ... Cited by 121 - Related articles - View as HTML - BL Direct - All 12 versions

The JEDI event-based infrastructure and its application to the development of the ...- \*\*SSL.edu (PDF)
G Cugola, E Di Nitto, A Fuggetta - IEEE Transactions on ..., 2001 - doi.ieeecomputersociety.org
... event could have been issued and this is unknown to the intermediate DSs handling the event ...
first return value, or it can wait until all the recipients have provided a response. ... we approach
this problem by introducing into the event dispatcher a new component called event filter. ...
Cited by 531 - Related articles - BL Direct - All 13 versions

Impala: a middleware system for managing autonomic, parallel sensor systems-

... The applications, the Application Adapter, and the Application Updater are all programmed into a set of **event handlers** which are invoked by the **Event Filter** when the associated ... In particular, applications must implement four **event** han- dlers: timer **handler**, packet **handler** ...

Cited by 214 - Related articles - Bl. Direct - All 29 versions

# [PDF] The Sub-farm DAQ for the ATLAS DAQ Prototype-1

D Francis, G Mornacchi, J Petersen, L Tremblet - ... http://atddoc.cern.ch/Atlas/Notes/ ... - Citeseer ... Events may be transfered to different Mass storage system streams according to the indication of the **Event Handler**; for example events may have been categorised by the **event filter** and recorder according to the **filter response**. ...

Cited by 6 - Related articles - View as HTML - All 4 versions

[PDF] Electrocardiograph Pre-Filtering, QRS Detection, and Palm Display Programming ...

CKB Ayang-ang, LG Sison - ECE Conference, University of St. ..., 2001 - 2ececonf.ust.edu.ph
... There is a sample program from the ADSP seminar by Prof. Talib Alukaidey, which reads from the line-in SPORT and filters the signal. ... Bespoke Event Handler Functions MainFormHandleEvent Handles both display and function event response of the main system. ...

Cited by 5 - Related articles - View as HTML - All 2 versions

#### Dynascope: A tool for program directing- dupm.edu.sa (POF)

R Sosi» - ACM SIGPLAN Notices, 1992 - portal.acm.org

... If **event handlers** are a part of the executor itself it will be impossible to perform dynamic creation or change in the **event** processing part of the executor. ... each emitted **event**. ... An application of asynchronous mode is tracing. The **filter** is controlled by routines: q dsldfi.lter, ...

Cited by 44 - Related articles - All 4 versions

#### [PDF] Designing a quality-aware discovery mechanism for acquiring context information

M Chantzara, M Anagnostou, E Sykas - AINA - hercules.infotech.monash.edu.au

... Event Handler enables the CASs to issue a subscription for a context event to the local CB. ... At the event of a change to a context source, the CEP and CSA decide the rebinding to another one. ... (5) In order to filter the sources according to the required properties: ...

Cited by 6 - Related articles - View as HTML - All 3 versions

#### [PDF] \*... the integration of real-time asynchronous event handling mechanisms with existing ...

G Fry, R West - Proceedings of the International Conference on ..., 2007 - Citeseer ... of asynchronous I/O: SIGIO: The server application registers a signal **handler** for **response** to the ... events to **handlers** [6]. Sig- nals also provide a generic mechanism for **event handling** in most ... ap- plication to register a set of kevents, each of which includes a **filter** condition and ... Cited by 4 - Related articles - View as HTML - All 9 versions

#### Network management system using multifunction icons for information display

RH Dev, EW Gray, ES Rustici, WP Scott - US Patent 5,261,044, 1993 - Google Patents ... to a correspond- ing network device and one or more inference **handlers** for processing ... Such data includes configura- tion data, an **event** log, statistics, history and current state ... the required garding a predetermined aspect of the corresponding network entity in **response** to user ... Cited by 105 - Related articles - All 2 versions

#### [PDF] Service morphing: Integrated system-and application-level service adaptation in ...

C Poellabauer, K Schwan, S Agarwala, A ... - Proceedings of the 5th ..., 2003 - Citeseer ... We are able to dynamically deploy **handlers** 'into' operating system kernels, eg, to control the ... Communication is based on InfoFabric's ECho **event** service; a server establishes an **event** channel and ... all clients allows the server to tune the operation of its data **filter** functions in ... Cited by 21 - Related articles - View as HTML - All 10 versions

# Taxonomy of distributed event-based programming systems-

R Meier, V Cahill - The Computer Journal, 2005 - Br Computer Soc

... 607 TheConsumerApplication { //subscribe to an **event** type template = Badge\_Seen(17, 29);

 $Event Client. Register (\textbf{EventHandler}, \ template); // deliver \ \textbf{handler} \ implementation$ 

**EventHandler**(TheRemoteEventInstance) { processAnEvent(TheRemoteEventInstance); } } ...

Cited by 86 - Related articles - BL Direct - All 23 versions

#### [PDF] Distributed scheduling support in the presence of autonomy

SJ Chapin - Proceedings of the 4th Heterogeneous Computing ..., 1995 - Citeseer

... The task acceptance function can be thought of as a task **filter** that compares the two ... Request message events ask the **handler** to perform a service, and comprise schedule re- quest ... Reply message events are paired with the corresponding request message **event** subtypes. ...

Cited by 16 - Related articles - View as HTML - All 10 versions

# System and method for facilitating generation and editing of event handlers

G Lindhorst, J Buehler, M Sonntag, RL Kerr - US Patent 6,337,696, 2002 - Google Patents ... FILTER ACTIONS IN ACTION PANE 116 LISTOBJECTSONPAGEIN ACTION PANE CHOOSE OBJECT IN ACTION PANE 128 GENERATE SCRIPT TO LINK EVENTTO ACTION 140 ... Since the event handler scripts are generated automati- cally in response to selection ...

Cited by 17 - Related articles - All 4 versions

#### [PDF] \*Na Kika: Secure service execution and composition in an open edge-side ...

R Grimm, G Lichtman, N Michalakis, A Elliston, A ... - Proc. 3rd NSDI, 2006 - usenix.org ... They first process a re- quest through a chain of input **filters**, then create a re- sponse in a dedicated module (the content **handler** for Apache ... level organi- zation, Na Kika's scripting pipeline stages have a sim- pler interface—requiring only two **event handlers**—and are ...

Cited by 9 - Related articles - View as HTML - All 20 versions

#### [PDF] Management of data streams for a real time flood simulation

H Gadgil, JY Choi, B Engel, G Fox, S Ko, S ... - Community Grids Lab ..., 2004 - Citeseer ... The overall application, which is made up of numerous such data **filters** is then controlled via HPSearch objects. 1.3. NaradaBrokering for Stream **handling** NaradaBrokering [13, 14, 15] is an **event** brokering system designed to run on a large network of cooperating ...

Cited by 4 - Related articles - View as HTML - All 4 versions

#### [PDF] Spamato-an extendable spam filter system

K Albrecht, N Burri, R Wattenhofer - 2nd Conference on Email and Anti-Spam (..., 2005 - Citeseer ... to subscribe for particu- lar events—for example, the Sound Player subscribes to the mail.post check **event** that is ... To give users the ability to adjust the **filter's** parameters, the **filter** has to hook into the config.web.pages extension point by registering a **handler** that creates a ...

Cited by 30 - Related articles - View as HTML - All 13 versions

#### Method and apparatus for reactive and deliberative configuration management

L Lewis, R Malik, S Sycamore, U Datta, G ... - US Patent 6,421,719, 2002 - Google Patents ... PROVIDE NETWORK PERFORMANCE DATA TO RULE-BASED **EVENT HANDLER** PROVIDE NETWORK PERFORMANCE DATA TO CAPACITY PLANNER STORE NETWORK PERFORMANCE DATA IN DATABASE GENERATE **RESPONSE** TO CONFIGURATION ...

Cited by 6 - Related articles - All 2 versions

#### **IPDF**: State of the art review of distributed **event** models

R Meier - University of Dublin, Trinity College, 2000 - Citeseer

... 46 8.1.1.2 **Event Filter**..... 46 8.1 ... to know the client to which to return the **response**. Page 5. State Of The Art Review of Distributed **Event** Model March 2000 Page 2 which ...

Cited by 19 - Related articles - View as HTML - All 8 versions

#### Design and evaluation of a wide-area event notification service-

A Carzaniga, DS Rosenblum, AL Wolf - ACM Transactions on Computer ..., 2001 - portal.acm.org ... As mentioned in the introduction, the **information** associated with an **event** is represented by a data structure ... Detailed discussion of **handlers** is beyond the scope of this paper. ... 3.2 **Filters** An **event filter**, or simply a **filter**, selects **event** notifications by specifying a set of attributes ...

Cited by 1170 - Related articles - Bt. Direct - All 69 versions

#### Server for handling multimodal information

HA Pasternack, N Fumai, D Ferrero - US Patent 6.859.451, 2005 - Google Patents

... According to a first aspect of the invention there is provided a server for **handling information** which is ... the **response** may be delayed, or to enable a user to be alerted of some **event**. ... server to process the **information** according to its modal form; and receiving a **response** from the ... Cited by 3 - Related articles - All 6 versions

#### [PDF] Infofabric: Adaptive Services in Distributed Embedded Systems

K Schwan, C Poellabauer, G Eisenhauer, S Pande, ... - IEEE Workshop on Large ..., 2002 - Citeseer ... ered together raise the need for distributed systems to cooperate in finding optimal handler/filter settings, to ... Code restructuring for improving real time response through code speed, size trade-offs on limited memory ... Power-aware video decoding using real-time event handlers. ... Cited by 3 - Related articles - View as HTML - All 9 versions

#### [PDF] Applying the proactor pattern to high-performance web servers

J Hu, I Pyarali, DC Schmidt - Proceedings of the 10th International Conference ..., 1998 - Citeseer ... Pipelines follow the Pipes and **Filters** pattern [13] for input processing. ... read is performed asynchronously, the only synchronous operation performed by a Protocol **Handler** is the ... The primary drawback with the proactive **event** dispatch- ing model is that the application structure ... Cited by 23 - Related articles - View as HTML - All 27 versions

... and environment for specifying user interface event handling in design toolsN Liu, J Hosking, J Grundy - ... of the eight Australasian conference on User ..., 2007 - portal.acm.org
N Liu, J Hosking, J Grundy - ... of the eight Australasian conference on User ..., 2007 - portal.acm.org
N Liu, J Hosking, J Grundy - ... of the eight Australasian conference on User ..., 2007 - portal.acm.org
N Liu, J Hosking, J Grundy - ... of the eight Australasian conference on User ..., 2007 - portal.acm.org
N Liu, J Hosking, J Grundy - ... of the eight Australasian conference on User ..., 2007 - portal.acm.org
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#### [PDF] Adaptable parsing of real-time data streams

F Campanile, A Cilardo, L Coppolino, L Romano - Proceedings of the 15th ..., 2007 - Citeseer ... Log File Log File Monitor Monitor Buf er Queue Buffer Queue **Event Handler Event** Manager DAC DAG Msg **Handler** Msg **Filter** Msg Manager Msg **Handler** Msg **Filter** Msg Manager Msg Queue Worker Figure 2 - WFA buffered architecture Page 6. ...

Cited by 6 - Related articles - View as HTML - All 4 versions

### [PDF] Synchronous and asynchronous collaborative information space analysis tools

KT Yao, R Neches, IY Ko, R Eleish, S Abhinkar - Proceedings of the International ..., 1999 - isi.edu ... Such organizations need to be able to quickly organize rapid **response** teams, backed by the ... users to collaborate in real-time over the Internet to jointly search, retrieve, **filter**, partition, and ... Finally, each **event handler** of the client applications receives, and executes the action. ...

Cited by 9 - Related articles - View as HTML - All 5 versions

#### [PDF] Pro JSF and Ajax

J Jacobi, JR Fallows - linuxmall.com.br

... to the Web server to retrieve only the data needed using JavaScript to process the **response**, which creates a ... This code adds an onchange **event handler** to the <input> element that will call a JavaScript function, populateBookList(), which is ... The Ajax Book **Filter** Implementation ...

Cited by 2 - Related articles - View as HTML - All 9 versions

#### [PDF] From regulatory policies to event monitoring rules: Towards model driven ...

C Giblin, S Muller, B Pfitzmann - IBM Research Report, Zurich .... 2006 - domino.watson.ibm.com

... Match/Filter identifies whether a single **event** matches a given characteristic and if so triggers an ... be configured to generate a default implementation, for example, which issues a specific **event** in **response** to ... the actions of a rule, we refer to the stubs hereafter as action **handlers**. ...

Cited by 19 - Related articles - View as HTML - All 3 versions

#### Developing flexible and high-performance Web servers with frameworks and ...-

DC Schmidt, JC Hu - ACM Computing Surveys (CSUR), 2000 - portal.acm.org

... Strategy Concurrency Protocol Pipeline Framework Framework Tilde /home/... **Event** Dispatcher Acceptor Asynchronous Completion Token Reactor/Proactor Pipes and **Filters** State Singleton **Handler** Protocol Protocol **Filter** Adapter Strategy Service Configurator ...

Cited by 24 - Related articles - Ali 21 versions

#### [PDF] \*Designing and implementing multi-user applications: a case study

P Dewan - Software - Practice and Experience, 1993 - Citeseer

... task of implementing some of the components of the application such as the query language and the interactive **event handlers**. While our goal was to automate a specific multi-user activity, our work on this application suggests a new and ... may be the global view or a **filter** view. ...

Cited by 9 - Related articles - View as HTML - BL Direct - All 7 versions

#### Object browsing and a **filter** interface using a displayed dip switch in an object-...

LK Frid-Nielsen - US Patent 5.432,903, 1995 - Google Patents

... programmer is cur- rently working. In addition, a user/programmer may use a **filter** interface resembling a DIP (dual-inline pack- age) switch for managing complex and voluminous **information**. 7 Claims, 25 Drawing Sheets Browsing ...

Cited by 35 - Related articles - All 2 versions

#### Method and apparatus for processing text inputs from multiple input devices in a ...

WJ Saunders - US Patent 5.946.499, 1999 - Google Patents

... The SOM object 44 suitably erably acts as a **filter** for input device events that are passed provides methods necessary for interaction ... for sending inputs to the com- puter system; a text service manager for providing at least one text service **event handler** in **response** to the ...

Cited by 5 - Related articles - All 2 versions

#### [PDF] \*Event-based information sharing

C Lins - e-collection.ethbib.ethz.ch

... The Coda file system provides an example of **handling** this requirement, although it is de-signed ... a binary collection whose domain (left) value resides also in the applied **filter** collection. ... tion and an insight into the evolution of the concepts underlying the **event**-based **information** ...

Cited by 2 - Related articles - View as HTML - All 2 versions

#### Display of detected event for information handling system

S Sasagawa - US Patent 6,681,245, 2004 - Google Patents

... 1993 OTHER PUBLICATIONS WW Arkeketa, JR Clark, GE Fisher, RW Liang and JA Perry, "Graphical User Interface for LAN Net View Fix— **Event** Log **Filter** Notebook," IBM ... US 6,681,245 BI DISPLAY OF DETECTED **EVENT** FOR **INFORMATION HANDLING** SYSTEM This ...

Cited by 6 - Related articles - All 4 versions

#### A tracer driver for hybrid execution analyses

L Langevine, M Ducassé - ... of the sixth international symposium on ..., 2005 - portal.acm.org ... 4). At each trace **event**, the tracer driver is called to **filter** the **event**. ... From the point of view of a given **event handler**, the activation of other **handlers** on the same execution **event** is transparent. We emphasize more the tracer driver than the analyzer mediator. ...

Cited by 5 - Related articles - All 2 versions

#### ... system and method for controlling access to network resources and event ...

R Angal, SVS Allavarpu, S Bhat, BL Fisher - US Patent 5,999,978, 1999 - Google Patents ... confirmed/unconfirmed Synch: atomic/best effort Target Base Object Scope Filter FIG. ... Access Control Enforcement Function Access Control Decision Function Request Response Combining Proc. Pending Request Status Info Security Audit Trail Event Registry Event Router /T ... Cited by 23 - Related articles - All 5 versions

#### [PDF] Building and applying geographical information system Grids

G Aydin, A Sayar, H Gadgil, MS Aktas, GC Fox, S ... - ...: Practice and Experience, 2008 - Citeseer ... Once the services agree on the conditions of the data exchange, **handlers** convert XML data into an appropriate binary format and stream it over a ... **Event** Magnitude Lower Bound ... 8 the request (encoded as a GML **Filter**) and uses this to construct a corresponding MySQL query. ...

Cited by 13 - Related articles - View as HTML - All 8 versions

#### [PDF] A framework for environment aware mobile applications

G Welling, B Badrinath - International Conference on Distributed Computing ..., 1997 - Citeseer ... The **event** handleris then activated by calling the Handler::Body()method, which can be executed on a separate **handler** thread. The arrival of an **Event** Ob- ject is detected within the **handler** body, which then in- vokes the object-type specific **response**. ... Cited by 24 - Related articles - View as HTML - BL Direct - All 15 versions

#### [PDF] \*Transnational information sharing and event notification

TR KASAD - 2003 - etd.fcla.edu

... EXCEPTION clause that ties an exception type to an exception **handler**. Page 27. 16 2.2.3 Triggers ... provides the persistence capability and a filtering mechanism to the **Event** Server at every site. It includes a parser that maps the **filter** definitions of the events stored in XML files ...

Cited by 2 - Related articles - View as HTML - All 5 versions

# [PDF] \*StreamGen: A workload generation tool for distributed information flow applications

M Mansour, M Wolf, K Schwan - ... of the 2004 International Conference on ..., 2004 - Citeseer ... in place, we will be able to build complex monitor conditions and virtual **event handlers** that can ... Figure 8 Average Inter-**event** Delay – each data point averaged over 1000 events. ... it results in the creation of a new channel with a bounded-area specialization **filter** that represents ...

Cited by 5 - Related articles - View as HTML - All 12 versions

# An Integrated Platform for Mobile, Context-Aware, and Adaptive Enterprise ...-

G Hübsch, T Springer, A Spriestersbach, T Ziegert - ... 2005 (Wi2005), Bamberg, ... - Springer ... filters the events encoded in HTTP request and invokes the appropriate event handler resources (see ... 4.3) utilizing a prioritized event queue to handle simultaneous occurrences of events. The TemplateGetter filter retrieves DDL template according to the requested URI from the ...

Cited by 4 - Related articles - All 9 versions

#### Common channeling signaling network maintenance and testing

EM Pester III - US Patent 5.715,294, 1998 - Google Patents

... CAT POINTER TO USER SERVICE **INFORMATION** LENGTH OF USER SERVICE **INFORMATION** USER SERVICE ... **EVENT** CTRL **EVENT** ANAL ALARM CONTROL FILE SERV PPT GEN REAQIVE TRAP ... DB LOG TFC SCRIPT TFCINFO D2 TFC LOG **RESPONSE** RCT INFO ...

Cited by 79 - Related articles - All 4 versions

#### Synthbuilder: a graphical rapid-prototyping tool for the development of music ...

N Porcaro, D Jaffe, P Scandalis, J Smith, T Stilson, S ... - Computer Music Journal, 1998 - jstor.org ... a Music Kit synthesis or **event**-processing object. ... Scavone's waveform display tool, which shows the **filter's** amplitude, phase, group delay, and impulse **response**. The envelope **handler** uses a graphical view derived from Fernando Lopez-Lezcano's enve- lope editor. ...

Cited by 6 - Related articles - BL Direct

#### [PDF] Design of A Business Process Analyzer

L Jin, F Casati, A Van Moorsel - SIMULATION SERIES, 2002 - Citeseer

... component. The **Event Filter** decides which **event** this probe is waiting for according to user configuration. ... probe process are executed only by a group of worknode probes. This probe process usually has **event** publish and **handler** branch and a worknode loop. ...

Cited by 3 - Related articles - View as HTML - BL Direct - All 10 versions

#### [PDF] Software architecture for adaptive collision avoidance systems

J Blum, A Eskandarian - International Journal of Automotive ..., 2002 - society.kisti.re.kr

... Like the pipe and **filter** architecture, an **event**-driven architecture offers advantages that benefit the CAS ... However, one of the major disadvantages of **event- handler** architecture is that it is difficult to ... cannot guarantee order of process- ing or even if an announced **event** will be ...

Cited by 1 - Related articles - View as HTML - All 2 versions

#### Event services for high performance computing-

G Eisenhauer, FE Bustamante, K ... - Proceedings of High ..., 2000 - doi.ieeecomputersociety.org ... In **response** to these needs, we have developed ECho, a high-performance **event**-delivery ... which must be used to open the channel, contains the contact **information** for the ... **event** delivery, ECho also provides mechanisms for associating threads with **event handlers** allowing a ...

Cited by 77 - Related articles - All 24 versions

# Design and analysis of an efficient distributed event notification service- waikato.ac.nz (POF)

S Bittner, A Hinze - 2004 - waik-rg-prod.its.waikato.ac.nz

... The **event information** is provided by **event** pub- lishers, filtered by the service against the profiles ... In real-time systems such as facility management, an efficiency **filter** component is one of ... The Internet is based on the request/**response** paradigm: Users ask sources of **information** ...

Cited by 1 - Related articles - View as HTML - All 6 versions

#### Eager **Handlers**-communication optimization in Java-based distributed ...

D Zhou, K Schwan - 3rd Intl. Workshop on Java for Parallel ..., 2001 - doi.ieeecomputersociety.org

... 6. Related Work Elvin[3], Gryphon[2] and Siena[16] are content-based large-scale notification/messaging systems. They also sup- press **event information**, using subscription **filters**. The pur- pose of such **filters** is similar to the purpose of eager **handlers**. ...

Cited by 8 - Related articles - All 2 versions

#### Visual languages for event integration specification- irisa.ir [PDF]

N Liu - Proceedings of the 28th international conference on ..., 2006 - portal.acm.org ... Many interconnection schemes are supported including one-way flow, request- **response**,

asynchronous flow, and subscribe-notify. ... Kaitiaki uses the **event**-query-**filter**-action metaphor to allow visual primitives composition and java **event handler** code generation. ...

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#### [PDF] A highly customizable system monitoring and control tool

SA Verkhedkar - Citeseer

... such as CPU/memory usage, resource usage, and network **information**. All the systems mentioned are extensible and configurable, however, unlike our tool, ... Furthermore, data **filters** ... **event handlers**, whereeach **event** handleris a function that is associated with an **event** ...

Cited by 1 - Related articles - View as HTML - All 4 versions

# ... -time event processing system with analysis engine using recovery information

GD Baulier, SM Blott, PL Bohannon, BL Branch, ... - US Patent ..., 2002 - Google Patents ... log of the external database storage element are utilized, in conjunction with stored **event information** from the ... SAE) and a real-time analysis engine (RAE) in the real-time **event** processing system ... 7 shows a sample service/**handler** matrix that may be utilized in the SAE of FIG. ... Cited by 3 - Related articles - All 2 versions

#### [PDF] RUBCES: Rule Based Composite Event System

OK Sahingoz, N Erdogan - in XII. Turkish Artificial Intelligence and Neural ..., 2003 - cs.itu.edu.tr ... to the **event** system by using the subscribe syntax which contains **filter** constraints in ... Many of the **event** systems described in literature, as referenced in the previous section ... subscription mechanism, similar to that proposed by Carzaniga [5], which allows **handling** of application ... Cited by 7 - Related articles - View as HTML - All 2 versions

#### [PDF] Facilitating re-use by design: A filtering, transformation, and selection architecture ...

I Lütkebohle, J Schaefer, S ... - ICRA Workshop on ..., 2009 - aiweb.techfak.uni-bielefeld.de ... Conversely, results of **handler** invocations are submitted to the post-processing part of the transformation graph consist- ing again of the three aforementioned types of ... After post-processing, the notifications are consumed by **event** sinks considered as **filter** nodes that ...

Cited by 1 - Related articles - View as HTML - All 2 versions

# [PDF] \*JECho-interactive high performance computing with Java event channels

D Zhou, K Schwan, G Eisenhauer, Y Chen - Proceedings of the International ..., 2001 - Citeseer ... Quality control on **event** streams: An **event** consumer may use an eager **handler** to **filter** out less important events, to perform lossy compression to match **event** rates to available network bandwidth, or to simply drop some of the events (rather than leaving it up to the sup ... Cited by 19 - Related articles - View as HTML - All 13 versions

#### [PDF] •What's New in the Java™ Portlet Specification 2.0 (JSR 286)?

S Hepper, W Budziwojski - 2008 - developers.sun.com

... overall action phase • State changes are allowed • Event handling must be finished before rendering starts Page 11. ... equals("CustomerID.Changed")) { String payload = event.getValue(); ... Page 17. ... AJAX Cookies and Headers Filters Other Additions Summary Page 23. ...

Cited by 2 - Related articles - View as HTML - All 9 versions

#### [PDF] A policy deployment model for the Ponder language

N Dulay, E Lupu, M Sloman, N Damianou - Proc. IM, 2001 - Citeseer

... the values of the parameters and/or attributes of the subject and target of the policy, eg we can **filter** the results ... **eventHandler** obligMethod ... is enabled its obligation enforcement object registers the obligation **event** specification along with a reference to an **event handler** with the ...

Cited by 116 - Related articles - View as HTML - All 13 versions

#### [PDF] Complex event processing in distributed systems

DC Luckham, B Frasca - Computer Systems Laboratory Technical Report CSL- ..., 1998 - Citeseer ... Relationships between events can be specified in **event** patterns in maps and **filters**. ... show direct two-way communication between the operator and the WIP, controllers and material **handling**. ... how relationships between events at different levels are defined by **event** pattern maps ...

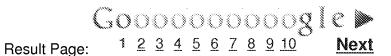
Cited by 73 - Related articles - View as HTML - All 5 versions

# Symbol browsing and filter switches in an object-oriented development system

LK Frid-Nielsen - US Patent 5,557,730, 1996 - Google Patents

... 17,1996 [54] SYMBOL BROWSING AND **FILTER** SWITCHES IN AN OBJECT-ORIENTED DEVELOPMENT SYSTEM [75] Inventor: Lars K. Frid ... More particularly, the browser of the present invention directly references symbol **information** stored in object code or executable ...

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